

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|------------------|--|-----------------|-------------------|
| Applicant(s) | Wallace F. Smith | Examiner: | Unassigned |
| Serial No.: | 10/739,458 | Group Art Unit: | Unassigned |
| Confirmation No: | Unassigned | Docket: | 1209-34 |
| Filed: | December 17, 2003 | Dated: | February 23, 2004 |
| For: | Method and System for Measurement of the Delay Through a Network Link Bounded by an Echo Canceller | | |

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

*I hereby certify this correspondence is being deposited
with the United States Postal Service as first class mail,
postpaid in an envelope, addressed to:
Commissioner for Patents, P.O. Box 1450,
Alexandria, Virginia 22313-1450
on February 23, 2004*

Signed:

Michelle F. DeBenedictis

INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

UNITED STATES PATENTS

PATENTEE

PATENT NO.

ISSUE DATE

Joffe

6,647,115 B2

November 11, 2003

| <u>PATENTEE</u> | <u>PATENT NO.</u> | <u>ISSUE DATE</u> |
|-------------------------|-------------------|--------------------|
| Eom | 6,625,279 B1 | September 23, 2003 |
| Gupta | 6,606,382 B2 | August 12, 2003 |
| Ariyama | 6,590,975 B1 | July 8, 2003 |
| Tahernezhaadi et al. | 6,347,140 B1 | February 12, 2002 |
| Chujo et al. | 6,243,462 B1 | June 5, 2001 |
| Yang | 4,587,382 | May 6, 1986 |
| Tamura et al. | 4,126,770 | November 21, 1978 |
| J.L. Kelly, Jr., et al. | 3,500,000 | March 10, 1970 |
| M.M. Sondhi | 3,499,999 | March 10, 1970 |

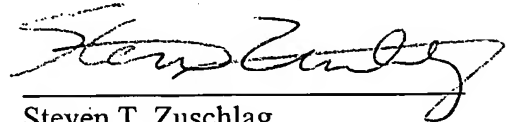
NON-PATENT PUBLICATIONS

1. "Voice Echo Canceller Frequently Asked Questions", Zarlink Semiconductor Inc., ZLAN-56 Application Note, pgs. 1-6, (August 2003).
2. Messerschmitt et al., "Digital Voice Echo Canceller with a TMS32020", Application Report: SPRA 129, Texas Instruments, (1989).

The above-referenced documents are listed on PTO Form 1449. We have enclosed the cited documents to facilitate reference to them.

If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,

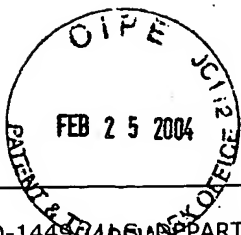
A handwritten signature in dark ink, appearing to read "Steven T. Zuschlag", written over a horizontal line.

Steven T. Zuschlag
Registration No.: 43,309
Attorney for Applicant(s)

HOFFMANN & BARON, LLP
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(516) 822-3550

STZ/mf

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Sheet 1 of 2

FORM PTO-1449 (Rev. 2-32) DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1209-34

SERIAL NO.
10/739,458

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Wallace F. Smith

CONFIRMATION NO.
Unassigned

(Use several sheets if necessary)

FILING DATE
December 17, 2003

GROUP
Unassigned

U.S. PATENT PUBLICATIONS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|------|------|-------|--------------|-------------------------------|
| | | | | | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|----------------------|-------|--------------|-------------------------------|
| | 6,647,115B2 | 11/11/03 | Joffe | | | |
| | 6,625,279B1 | 09/23/03 | Eom | | | |
| | 6,606,382B2 | 08/12/03 | Gupta | | | |
| | 6,590,975B1 | 07/08/03 | Ariyama | | | |
| | 6,347,140B1 | 02/12/02 | Tahernezhaadi et al. | | | |
| | 6,243,462B1 | 06/05/01 | Chujo et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|---------------------|--------------------|------|---------|-------|--------------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |

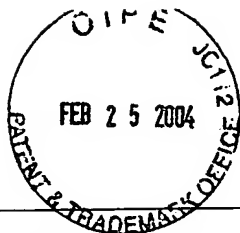
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|--|--|----|---|
| | | 1. | "Voice Echo Cancellor Frequently Asked Questions", Zarlink Semiconductor Inc., ZLAN-56 Application Note, pgs. 1-6, (August 2003). |
|--|--|----|---|

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form



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Sheet 2 of 2

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|---|----------------------------------|--------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. 1209-34 | SERIAL NO. 10/739,458 |
| | APPLICANT Wallace F. Smith | CONFIRMATION NO. Unassigned |
| | FILING DATE December 17, 2003 | GROUP Unassigned |

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|---------------------|--------------------|----------|-------------------------|-------|--------------|-------------------------------|
| | 4,587,382 | 05/06/86 | Yang | | | |
| | 4,126,770 | 11/21/78 | Tamura et al. | | | |
| | 3,500,000 | 03/10/70 | J.L. Kelly, Jr., et al. | | | |
| | 3,499,999 | 03/10/70 | M.M. Sondhi | | | |

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|---------------------|--------------------|------|---------|-------|--------------|-------------|----|
| | | | | | | YES | NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | | 2. | Messerschmitt et al., "Digital Voice Echo Canceller with a TMS32020", Application Report: SPRA 129, Texas Instruments, (1989). |
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